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**Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 7/24/2014**

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<b>Instrument Serial Number:</b>	<b>010554</b>	<b>As of 24-Jul-14</b>
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<b>Start Date</b>	<b>End Date</b>	<b>Agency Name</b>
22-Jul-14		Caroline County SO
10-Jul-14	22-Jul-14	DFS Central Lab
06-Mar-09	10-Jul-14	Smithfield PD
23-Jun-08	06-Mar-09	DFS Central Lab

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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010554 Worksheet Start Date 7/22/2014  
Location Caroline Co SO  
Address 117 Ennis St Bowling Green VA 22427  
DFS Technician Sarah Dersch License No. 24178

☐ Laboratory

☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 759 Reference Barometer (mm HG) 760  
Reference Barometer(RB)Serial # 009111 RB Calibration Due 5/19/2015

## Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.301
0.300	0.299	0.290	0.307	Sample 2	0.300
Precision		sample min	sample max	Sample 3	0.300
0.001		0.300	0.301		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.099
0.100	0.100	0.097	0.103	Sample 2	0.099
Precision		sample min	sample max	Sample 3	0.099
0		0.099	0.099		

Dry gas standard Lot No. (with tank no.) AG332301-21

☐ Replaced dry gas standard (+O-ring)

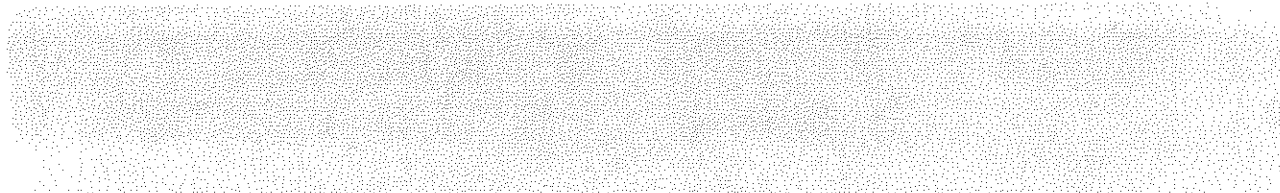
☒ Installed at Location

☐ Removed to DFS-Central

Supplies  
Mouthpieces  
Certificates of Analysis  
Operator Worksheet  
Other:



Notes:



Instrument Serial Number

010554

Certification Date

☐ Calibrated☐ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Date

7/24/14

Issuing Analyst

Date

7/24/14

Intox EC/IR-II: Accuracy Check

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*Department of Forensic Science*

Serial Number: 010554      Test Number: 1031

Test Date: 07/22/2014      Test Time: 13:12 EDT

Dry Gas Target: 0.299

Lot Number: AG334603-03      Exp Date: 12/12/2015

Tank Pressure: 164 psi      Barometric Pressure: 758 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:13
CHK	0.301	13:13
BLK	0.000	13:15
CHK	0.300	13:16
BLK	0.000	13:17
CHK	0.300	13:18

Test Status: *Success*

Calibration CRC: 91E4234E

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# Intox EC/IR-II: Accuracy Check

*Department of Forensic Science*

Serial Number: 010554      Test Number: 1032

Test Date: 07/22/2014      Test Time: 13:22 EDT

Dry Gas Target: 0.100

Lot Number: AG332301-21      Exp Date: 11/19/2015

Tank Pressure: 625 psi      Barometric Pressure: 758 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:22
CHK	0.099	13:23
BLK	0.000	13:25
CHK	0.099	13:26
BLK	0.000	13:27
CHK	0.099	13:28

Test Status: *Success*

Calibration CRC: 91E4234E

Sid




COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS  
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED	NAME OF COURT
INSTRUMENT, TEST,	DFS

BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY		AGENCY
DERSCH, SARAH, E		DFS Central Lab
DFS LICENSE NUMBER	LICENSE EXPIRES	DATE TEST CONDUCTED
24178	10/01/2014	07/22/2014
TEST EQUIPMENT NUMBER		
010554		

RESULTS: TIME SAMPLE TAKEN 13:36 EDT

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_\_.

BREATH TEST OPERATOR
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☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS \_\_\_\_\_ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS \_\_\_\_\_ OPERATOR'S SIGNATURE



# IntoxNet MIS Report

Report Generated 24 Jul 2014 at 08:55

*Handwritten signature/initials*

## Test Results

Instrument Serial Number 010554

Test # 001033 Subject Test

Test Location 1 Department of  
Test Date 22 Jul 2014

Test Location 2 Forensic Science  
Test Time 13:30  
Remote/Local Local

Test Location 3  
System Check Passed

Operator's Last Name DERSCH  
Agency DFS Central Lab

Operator's First Name SARAH

Operator's Middle Initial E  
License Number 24178

Card Serial Number 124178

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 22 Jul 2014 End Time 13:37

Result Time 13:36

Result Date 22 Jul 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 13:30

Data Type BLK

Sample Value 0.000

Sample Time 13:31

Data Type CHK

Sample Value 0.099

Sample Time 13:32

Data Type BLK

Sample Value 0.000

Sample Time 13:33

Data Type SUBJ

Sample Value 0.000

Sample Time 13:34

Data Type BLK

Sample Value 0.000

Sample Time 13:35

Data Type SUBJ

Sample Value 0.000

Sample Time 13:36

Data Type BLK

Sample Value 0.000

Sample Time 13:37

Standard Type Dry Gas Std

Standard Value 0.100

Standard Lot Number AG332301-21

Standard Expiration Date 11/19/2015

Tank Pressure 615

Barometric Pressure 758 mmHg

Blow Sample Number 1 Blow Duration 2.88 sec

Blow Volume 1772 cc End-of-Blow Time 13:34

Blow Sample Number 2 Blow Duration 3.50 sec

Blow Volume 1795 cc End-of-Blow Time 13:36

Tamper Evident Stamp 30fa5b30

Test Status Code 0

Test Status Success